

1/18/05

FORM PTO-1449
(Modified)

U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No.: MLNR-08001

Serial No.: 09/721,367

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Use Several Sheets If Necessary)

Applicant: Gwilym Luff

Filing Date: November 22, 2000

Group Art Unit: 2631

(37 CFR § 1.98(b))

U.S. PATENT DOCUMENTS

Examiner Initials		Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
JN	AA	5,826,182	10/20/98	Gilbert	455	326	01/25/95
DPN	AB	5,920,810	07/06/99	Finol et al.	455	313	05/05/97
JN	AC	5,999,804	12/07/99	Forgues	455	333	03/20/97
JN	AD	6,040,731	03/21/00	Chen et al.	327	359	05/01/97
DPN	AE	6,308,058 B1	10/23/01	Souetinov et al.	455	326	01/07/98
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
	AO						

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
	AP							
	AQ							
	AR							
	AS							
	AT							

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

	AU	
	AV	
	AW	
	AX	
	AY	
	AZ	
	BA	
	BB	
	BC	

Examiner:

Long X. Nguyen

Date Considered:

5/28/05

EXAMINER:

Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

BEST AVAILABLE COPY

FORM PTO-1449
(Modified)

U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No.: MLNR-08001

Serial No.: 09/721,367

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use Several Sheets If Necessary)

Applicant: Gwilym Luff et al.

Filing Date: November 22, 2000

Group Art Unit: 2681

(37 CFR. § 1.98(b))

U.S. PATENT DOCUMENTS

Examiner Initials	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
DR	AA 5,303,420	04/12/94	Jang	455	343	07/29/91
DR	AB 5,353,307	10/04/94	Lester et al.	375	14	07/20/93
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					
	AM					
	AN					
	AO					
	AP					

RECEIVED
JUL 09 2004
Technology Center 2600

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
Don	AQ	EP 0 833 482 A2	04/01/98	EP	H04L	27/233		X
Don	AR	GB 2330 279 A	04/14/99	GB	H04L	27/14		X
	AS							
	AT							
	AU							

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

[illegible]

Examiner:

Date Considered:

EXAMINER:

Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

BEST AVAILABLE COPY

FORM PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No.: MLvR-08001

Serial No.: 09/721,367

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Use Several Sheets If Necessary)

Applicant: Gwilym Luff et al.

(37 CFR § 1.98(b))

Filing Date: November 22, 2000

Group Art Unit: 2681

U.S. PATENT DOCUMENTS

Examiner Initials	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
DAW	5,953,640	09/14/99	Meador et al.	455	73	04/30/97
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						
AL						
AM						
AN						
AO						
AP						

RECEIVED

JUL 09 2004

Technology Center 2600

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

	Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
						Yes	No
	AQ						
	AR						
	AS						
	AT						
	AU						

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

DAW	AV	Hidehiko Kuroda et al., "Development of Low-Power Consumption RF/IF Single-Chip Transceiver IC for PHS," Doc. No. XP-000832839, pp. 161-167, Compound Semiconductor Device Division, NEC IC Microcomputer Systems, Ltd.
DAW	AW	Angel Boveda et al., "GaAs Monolithic Single-Chip Transceiver," Doc. No. XP-000538492, pp. 31-34, IEEE, May 15, 1995.
	AX	
	AY	
	AZ	
	BA	
	BB	
	BC	
	BD	
	BE	
	BF	

Examiner:

Dong D. Nguyen

Date Considered:

5/28/05

EXAMINER:

Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

BEST AVAILABLE COPY

FORM PTO-1449
(Modified)

JUL 06 2004

U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No.: MLNR-08001

Serial No.: 09/721,367

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use Several Sheets If Necessary)

Applicant: Gwilym Luff et al.

(37 CFR § 1.98(b))

Filing Date: November 22, 2000

Group Art Unit: 2681

U.S. PATENT DOCUMENTS

Examiner Initials	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
DPN	AA 4,723,318	02/02/88	Marshall	455	109	12/16/85
DXN	AB 4,823,092	04/18/89	Pennock	330	253	05/23/86
DXN	AC 4,918,338	04/17/90	Wong	307	521	10/04/88
DXN	AD 5,182,477	01/26/93	Yamasaki et al.	307	494	01/14/92
DXN	AE 5,345,190	09/06/94	Kaylor	330	258	08/02/93
DXN	AF 5,491,447	02/13/96	Goetschel et al.	330	254	05/13/94
DXN	AG 5,680,072	10/21/97	Vulih et al.	327	554	01/24/96
DXN	AH 5,734,294	03/31/98	Bezzam et al.	327	552	02/15/96
DXN	AI 6,060,935	05/09/00	Shulman	327	345	10/10/97
	AJ					
	AK					
	AL					
	AM					
	AN					
	AO					
	AP					

RECEIVED

JUL 09 2004

Technology Center 2600

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

	Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
						Yes	No
	AQ						
	AR						
	AS						
	AT						
	AU						

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

	AV	
	AW	
	AX	
	AW	
	AZ	
	BA	
	BB	
	BC	
	BD	

Examiner:

DMJ x. Nguyen

Date Considered:

5/20/05

EXAMINER:

Initial citation considered. Drawings through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

BEST AVAILABLE COPY

FORM PTO-1449
(Modified)

JUL 06 2004

U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No.: MLNR- 08001

Serial No.: 09/721,367

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Use Several Sheets If Necessary)

(37 CFR § 1.98(b))

Applicant: Gwilym Luff

Filing Date: November 22, 2000

Group Art Unit: 2681

U.S. PATENT DOCUMENTS

Examiner Initials	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
DXN	AA 6,343,207 B1	01/29/02	Hessel et al.	455	86	11/03/98
DXN	AB 6,226,276 B1	05/01/01	Na	370	294	06/22/98
DXN	AC 6,127,884	10/03/00	Rishi	329	304	05/24/99
DXN	AD 6,118,811	09/12/00	Narumi et al.	375	219	07/31/97
DXN	AE 5,966,666	10/12/99	Yamaguchi et al.	455	552	02/06/97
DXN	AF 5,937,335	08/10/99	Park et al.	455	86	04/10/96
DXN	AG 5,903,820	05/11/99	Hagstrom	455	82	04/03/96
DXN	AH 5,894,496	04/13/99	Jones	455	126	09/16/96
DXN	AI 5,890,051	03/30/99	Schlang et al.	455	76	03/17/98
DXN	AJ 5,825,257	10/20/98	Klymyshyn et al.	332	100	06/17/97
DXN	AK 5,432,779	07/11/95	Shimo et al.	370	30	04/06/94
	AL					
	AM					
	AN					
	AO					

RECEIVED

JUL 09 2004

Technology Center 2600

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

	Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
						Yes	No
	AP						
	AQ						
	AR						
	AS						
	AT						

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

	AU	
	AV	
	AW	
	AX	
	AY	
	AZ	
	BA	
	BB	
	BC	

Examiner:

Dung P. Nguyen

Date Considered:

5/28/05

EXAMINER:

Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

BEST AVAILABLE COPY

7/6/04

Sheet 1 of 1

FORM PTO-1449
(Modified)

JUL 06 2004

U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No.: MLN-08001

Serial No.: 09/721,367

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Applicant: Gwilym Luff

(37 CFR § 1.98(b))

Filing Date: November 22, 2000

Group Art Unit: 2681

U.S. PATENT DOCUMENTS

Examiner Initials	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
DPN	AA 4,029,904	06/14/77	Papeschi	178	88	11/24/75
DPN	AB 4,873,702	10/10/89	Chiu	375	76	10/20/88
DPN	AC 5,222,078	06/22/93	Cason et al.	375	76	11/13/91
DPN	AD 5,663,989	09/02/97	Fobbester	375	344	10/18/94
DPN	AE 5,960,046	09/28/99	Morris et al.	375	347	12/03/96
DPN	AF 6,370,205 B1	04/09/02	Lindoff et al.	375	319	07/02/99
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					
	AM					
	AN					
	AO					
	AP					

RECEIVED

JUL 09 2004

Technology Center 2600

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

	Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
						Yes	No
	AQ						
	AR						
	AS						
	AT						
	AU						

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

	AV	
	AW	
	AX	
	AW	
	AZ	
	BA	
	BB	
	BC	
	BD	

Examiner:

Dong V. Nguyen

Date Considered:

5/28/05

EXAMINER:

Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

BEST AVAILABLE COPY

FORM PTO-1449
(Modified)

OCT 02 2001

U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No.: MLNR-08001

Serial No.: 09/721,367

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Use Several Sheets if Necessary)

Applicant: Gwilym Luff et al.

(37 CFR § 1.98(b))

Filing Date: November 22, 2000

Group Art Unit: 2681

U.S. PATENT DOCUMENTS

Examiner Initials		Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
DM	AA	5,953,640	09/14/99	Meador et al.	455	73	04/30/97
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
	AO						
	AP						

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

	Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
						Yes	No
	AQ						
	AR						
	AS						
	AT						
	AU						

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

AV	Hidehiko Kuroda et al., "Development of Low-Power Consumption RF/IF Single-Chip Transceiver IC for PHS," Doc. No. XP-000832839, pp. 161-167, Compound Semiconductor Device Division, NEC IC Microcomputer Systems, Ltd.
AW	Angel Boveda et al., "GaAs Monolithic Single-Chip Transceiver," Doc. No. XP-000538492, pp. 31-34, IEEE, May 15, 1995.
AX	
AY	
AZ	
BA	
BB	
BC	
BD	
BE	
BF	

Examiner:

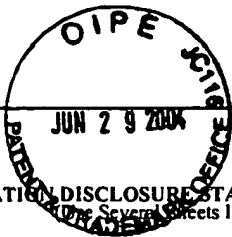
Dong X. Nguyen

Date Considered:

3/10/04

EXAMINER:

Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



6/29/04

Sheet 1 of 1

FORM PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: MLNR-08001		Serial No.: 09/721,367	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR § 1.98(b))				Applicant: Gwilym Luff		Filing Date: November 22, 2000	
				Group Art Unit: 2631			
U.S. PATENT DOCUMENTS							
Examiner Initials		Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
DPN	AA	6,256,511 B1	07/03/01	Brown et al.	455	552	02/14/97
DPN	AB	6,480,553 B1	11/12/02	Ho et al.	375	272	11/13/98
DPN	AC	6,484,014 B1	11/19/02	Koszarsky	455	86	03/22/99
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
	AO						
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS							
		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation Yes No
	AP						
	AQ						
	AR						
	AS						
	AT						
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)							
	AU						
	AV						
	AW						
	AX						
	AY						
	AZ						
	BA						
	BB						
	BC						
Examiner: <i>Diana P. Nguyen</i>				Date Considered: <i>5/28/05</i>			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							